

Lei Wu

List of Publications by Year in descending order

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96
papers

2,581
citations

172207

29
h-index

223531

46
g-index

97
all docs

97
docs citations

97
times ranked

2867
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-phase intracontinental deformation mode in the context of India–Eurasia collision: insights from a structural analysis of the West Kunlun–Southern Junggar transect along the NW margin of the Tibetan Plateau. <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	5
2	Research progress in pharmacological activities and structure-activity relationships of tetralone scaffolds as pharmacophore and fluorescent skeleton. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113964.	2.6	3
3	Incomplete genome doubling enables to consistently enhance plant growth for maximum biomass production by altering multiple transcript co-expression networks in potato. <i>Theoretical and Applied Genetics</i> , 2022, 135, 461-472.	1.8	6
4	Overcoming equifinality: time-varying analysis of sensitivity and identifiability of SWAT runoff and sediment parameters in an arid and semiarid watershed. <i>Environmental Science and Pollution Research</i> , 2022, 29, 31631-31645.	2.7	13
5	Quantification of ecosystem services supply-demand and the impact of demographic change on cultural services in Shenzhen, China. <i>Journal of Environmental Management</i> , 2022, 304, 114280.	3.8	21
6	Progress of thrombus formation and research on the structure-activity relationship for antithrombotic drugs. <i>European Journal of Medicinal Chemistry</i> , 2022, 228, 114035.	2.6	16
7	From Left Slip to Transpression: Cenozoic Tectonic Evolution of the North Altyn Fault, NW Margin of the Tibetan Plateau. <i>Tectonics</i> , 2022, 41, .	1.3	10
8	Effects of single- and multi-site calibration strategies on hydrological model performance and parameter sensitivity of large-scale semi-arid and semi-humid watersheds. <i>Hydrological Processes</i> , 2022, 36, .	1.1	9
9	Long-lagged (~19 Myr) response of accelerated river incision to rock uplift on the northern margin of the Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2022, 591, 117608.	1.8	11
10	Delimiting the eastern extent of the Altyn Tagh Fault: Insights from structural analyses of seismic reflection profiles. <i>Terra Nova</i> , 2021, 33, 1-11.	0.9	9
11	Cenozoic basin-filling evolution of the SW Tarim Basin and its implications for the uplift of western Kunlun: Insights from (seismo)stratigraphy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 562, 110149.	1.0	9
12	The late Paleoproterozoic to Mesoproterozoic rift system in the Ordos Basin and its tectonic implications: Insight from analyses of Bouguer gravity anomalies. <i>Precambrian Research</i> , 2021, 352, 105964.	1.2	10
13	Development and Interplay of Two Orthogonal Fault Systems in the NW Qaidam Basin, Northern Tibetan Plateau. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	0
14	Inspired Epigenetic Modulation Synergy with Adenosine Inhibition Elicits Pyroptosis and Potentiates Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2100007.	7.8	39
15	Landscape scaling of different land-use types, geomorphological styles, vegetation regionalizations, and geographical zonings differs spatial erosion patterns in a large-scale ecological restoration watershed. <i>Environmental Science and Pollution Research</i> , 2021, 28, 38374-38392.	2.7	13
16	Early Cretaceous extensional allochthons in the Taihang Shan associated with destruction of the North China Craton. <i>Journal of Asian Earth Sciences</i> , 2021, , 104933.	1.0	1
17	Preparation of polyvinylidene fluoride composite ultrafiltration membrane for micro-polluted surface water treatment. <i>Chemosphere</i> , 2021, 284, 131294.	4.2	22
18	<i>Rhodomyrtus tomentosa</i> (Aiton.): A review of phytochemistry, pharmacology and industrial applications research progress. <i>Food Chemistry</i> , 2020, 309, 125715.	4.2	26

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19	An immediate response to the Indian-Eurasian collision along the northeastern Tibetan Plateau: Evidence from apatite fission track analysis in the Kuantan Shan-Hei Shan. <i>Tectonophysics</i> , 2020, 774, 228278.	0.9	53
20	Structural Coupling Between the Qiman Tagh and the Qaidam Basin, Northern Tibetan Plateau: A Perspective From the Yingxiong Range by Integrating Field Mapping, Seismic Imaging, and Analogue Modeling. <i>Tectonics</i> , 2020, 39, e2020TC006287.	1.3	11
21	Using five long time series hydrometeorological data to calibrate a dynamic sediment delivery ratio algorithm for multi-scale sediment yield predictions. <i>Environmental Science and Pollution Research</i> , 2020, 27, 16377-16392.	2.7	12
22	Promoting apical-to-basolateral unidirectional transport of nanoformulations by manipulating the nutrient-absorption pathway. <i>Journal of Controlled Release</i> , 2020, 323, 151-160.	4.8	13
23	Cenozoic structural deformation in the Yuqia-Jiulongshan region, northern Qaidam Basin, China. <i>Petroleum Exploration and Development</i> , 2020, 47, 114-123.	3.0	6
24	Is the correlation between hydro-environmental variables consistent with their own time variability degrees in a large-scale loessial watershed?. <i>Science of the Total Environment</i> , 2020, 722, 137737.	3.9	11
25	Early Cretaceous foreland-like Northeastern Qaidam Basin, Tibetan Plateau and its tectonic implications: Insights from sedimentary investigations, detrital zircon Uâ€Pb analyses and seismic profiling. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 557, 109912.	1.0	18
26	Characteristics and simplified model of film slit irrigation. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 16-30.	1.3	0
27	Blockade of TIGIT/CD155 Signaling Reverses T-cell Exhaustion and Enhances Antitumor Capability in Head and Neck Squamous Cell Carcinoma. <i>Cancer Immunology Research</i> , 2019, 7, 1700-1713.	1.6	126
28	Transcriptome profiling and phytohormone responses of <i>Arabidopsis</i> roots to different ambient temperatures. <i>Journal of Plant Interactions</i> , 2019, 14, 314-323.	1.0	5
29	Using vegetation correction coefficient to modify a dynamic particulate nutrient loss model for monthly nitrogen and phosphorus load predictions: a case study in a small loess hilly watershed. <i>Environmental Science and Pollution Research</i> , 2019, 26, 32610-32623.	2.7	5
30	The Late Neoproterozoic sedimentary sequences in the Yutang section southwest Tarim Basin and their tectonic implications and hydrocarbon perspective: Insight from basinology. <i>Precambrian Research</i> , 2019, 333, 105432.	1.2	14
31	Synthesis of Bi ₂ WO ₆ photocatalyst modified by SDBS and photocatalytic performance under visible light. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4152-4163.	1.1	11
32	Middle Miocene reorganization of the Altyn Tagh fault system, northern Tibetan Plateau. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1157-1178.	1.6	65
33	Quantifying Wind Erosion During the Late Quaternary in the Qaidam Basin, Central Asia. <i>Geophysical Research Letters</i> , 2019, 46, 6378-6387.	1.5	9
34	Stress and strain analysis of interlayer slip from fractures and minor folds by Terrestrial Laser Scanning data. <i>Journal of Structural Geology</i> , 2019, 124, 112-119.	1.0	1
35	Effects of auxin and ethylene on root growth adaptation to different ambient temperatures in <i>Arabidopsis</i> . <i>Plant Science</i> , 2019, 281, 159-172.	1.7	16
36	A Piecewise Internal Model Control of an Automatic Weighting Scale System for Mixing Process of Plastic Granule-Materials. , 2019, , .		2

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37	Association of three SNPs in adiponectin gene with lipid traits of Tianzhu Black Muscovy (Cairina) Tj ETQq1 1 0.784314 rgBT JOverloc	1.0	2
38	Characteristics of pulsed runoff-erosion events under typical rainstorms in a small watershed on the Loess Plateau of China. <i>Scientific Reports</i> , 2018, 8, 3672.	1.6	29
39	Anti-CD47 treatment enhances anti-tumor T-cell immunity and improves immunosuppressive environment in head and neck squamous cell carcinoma. <i>Oncolmunology</i> , 2018, 7, e1397248.	2.1	45
40	Arcuate Pamir in the Paleogene? Insights from a review of stratigraphy and sedimentology of the basin fills in the foreland of NE Chinese Pamir, western Tarim Basin. <i>Earth-Science Reviews</i> , 2018, 180, 1-16.	4.0	38
41	Coupling loss characteristics of runoff-sediment-adsorbed and dissolved nitrogen and phosphorus on bare loess slope. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14018-14031.	2.7	33
42	Occurrence and health risk assessment of organotins in waterworks and the source water of the Three Gorges Reservoir Region, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15019-15028.	2.7	4
43	Prediction of land-use change and its driving forces in an ecological restoration watershed of the Loess hilly region. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	8
44	β-Glucuronidase inhibitor reduces immunosuppressive cells and enhances tumour immunity in head and neck squamous cell carcinoma. <i>International Journal of Cancer</i> , 2018, 142, 999-1009.	2.3	59
45	Engineering nanomaterials to overcome the mucosal barrier by modulating surface properties. <i>Advanced Drug Delivery Reviews</i> , 2018, 124, 150-163.	6.6	120
46	Spatio-temporal temperature variations in the Chinese Yellow River basin from 1981 to 2013. <i>Weather</i> , 2018, 73, 27-33.	0.6	3
47	Reorganization of sediment dispersal in the Jiuxi Basin at ~17 Ma and its implications for uplift of the NE Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 558-576.	1.0	33
48	Tumor targeting with docosahexaenoic acid-conjugated docetaxel for inhibiting lung cancer metastasis to bone. <i>Oncology Letters</i> , 2018, 16, 2911-2920.	0.8	8
49	Multifunctional Nanoparticles Enable Efficient Oral Delivery of Biomacromolecules via Improving Payload Stability and Regulating the Transcytosis Pathway. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34039-34049.	4.0	47
50	Design of an Automatic Mode-Matching System for MEMS Gyroscope. , 2018, , .		1
51	Inhibition of SRC family kinases facilitates anti-CTLA4 immunotherapy in head and neck squamous cell carcinoma. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4223-4234.	2.4	37
52	Research progress on the watershed sediment delivery ratio. <i>International Journal of Environmental Studies</i> , 2018, 75, 565-579.	0.7	20
53	Transport Mechanisms of Butyrate Modified Nanoparticles: Insight into Easy Entry, Hard Transcytosis of Active Targeting System in Oral Administration. <i>Molecular Pharmaceutics</i> , 2018, 15, 4273-4283.	2.3	27
54	Expression of VISTA correlated with immunosuppression and synergized with CD8 to predict survival in human oral squamous cell carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 627-636.	2.0	133

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55	Lipid nanovehicles with adjustable surface properties for overcoming multiple barriers simultaneously in oral administration. <i>International Journal of Pharmaceutics</i> , 2017, 520, 216-227.	2.6	24
56	Selective blockade of B7 α 3 enhances antitumour immune activity by reducing immature myeloid cells in head and neck squamous cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2199-2210.	1.6	43
57	Provenance evolution of the Jurassic northern Qaidam Basin (West China) and its geological implications: evidence from detrital zircon geochronology. <i>International Journal of Earth Sciences</i> , 2017, 106, 2713-2726.	0.9	42
58	Automatic fracture detection based on Terrestrial Laser Scanning data: A new method and case study. <i>Computers and Geosciences</i> , 2017, 106, 209-216.	2.0	31
59	Structural patterns of the late Mesozoic crustal detachment system in the Raoyang Sag, Bohai Bay Basin, eastern China: New insights from 3D seismic data. <i>Marine and Petroleum Geology</i> , 2017, 84, 215-224.	1.5	14
60	Spatiotemporal distribution and risk assessment of organotins in the surface water of the Three Gorges Reservoir Region, China. <i>Chemosphere</i> , 2017, 171, 405-414.	4.2	47
61	Subcellular co-delivery of two different site-oriented payloads for tumor therapy. <i>Nanoscale</i> , 2017, 9, 1547-1558.	2.8	17
62	Geometry and Kinematic Evolution of the Hotan-Tiklik Segment of the Western Kunlun Thrust Belt: Constrained by Structural Analyses and Apatite Fission Track Thermochronology. <i>Journal of Geology</i> , 2017, 125, 65-82.	0.7	31
63	Systematic evaluation of the toxicity and biodistribution of virus mimicking mucus-penetrating DLPC-NPs as oral drug delivery system. <i>International Journal of Pharmaceutics</i> , 2017, 530, 89-98.	2.6	21
64	Bioinspired butyrate-functionalized nanovehicles for targeted oral delivery of biomacromolecular drugs. <i>Journal of Controlled Release</i> , 2017, 262, 273-283.	4.8	58
65	A modified method for pesticide transport and fate in subsurface environment of a winter wheat field of Yangling, China. <i>Science of the Total Environment</i> , 2017, 609, 385-395.	3.9	15
66	Inhibition of SRC family kinases reduces myeloid α derived suppressor cells in head and neck cancer. <i>International Journal of Cancer</i> , 2017, 140, 1173-1185.	2.3	30
67	A Fast Shapelet Discovery Algorithm Based on Important Data Points. <i>International Journal of Web Services Research</i> , 2017, 14, 67-80.	0.5	22
68	B7-H4 expression indicates poor prognosis of oral squamous cell carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 1035-1045.	2.0	58
69	Cenozoic tilting history of the south slope of the Altyn Tagh as revealed by seismic profiling: Implications for the kinematics of the Altyn Tagh fault bounding the northern margin of the Tibetan Plateau. , 2016, 12, 884-899.		17
70	Structural deformation pattern within the NW Qaidam Basin in the Cenozoic era and its tectonic implications. <i>Tectonophysics</i> , 2016, 687, 78-93.	0.9	41
71	Enhanced Oral Delivery of Protein Drugs Using Zwitterion-Functionalized Nanoparticles to Overcome both the Diffusion and Absorption Barriers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25444-25453.	4.0	127
72	Temporal and spatial patterns of Cenozoic deformation across the Qaidam Basin, Northern Tibetan Plateau. <i>Terra Nova</i> , 2016, 28, 409-418.	0.9	38

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73	A piecewise linear representation method based on importance data points for time series data. , 2016, , .		14
74	Role of reactive oxygen species-mediated MAPK and NF- κ B activation in <i> Polygonatum cyrtoneura</i> lectin-induced apoptosis and autophagy in human lung adenocarcinoma A549 cells. Journal of Biochemistry, 2016, 160, 315-324.	0.9	48
75	<i>Polygonatum odoratum</i> lectin induces apoptosis and autophagy by regulation of microRNA-1290 and microRNA-15a-3p in human lung adenocarcinoma A549 cells. International Journal of Biological Macromolecules, 2016, 85, 217-226.	3.6	45
76	The effect of foreland palaeo-uplift on deformation mechanism in the Wupoer fold-and-thrust belt, NE Pamir: Constraints from analogue modelling. Journal of Geodynamics, 2016, 100, 115-129.	0.7	26
77	Human eukaryotic elongation factor 1A forms oligomers through specific cysteine residues. Acta Biochimica Et Biophysica Sinica, 2015, 47, gmv113.	0.9	8
78	Wafer-Level Hermetic All-Glass Packaging for Microalkali Vapor Cells of Chip-Scale Atomic Devices. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2015, 5, 1551-1558.	1.4	12
79	Integrated Navigation Fusion Strategy of INS/UWB for Indoor Carrier Attitude Angle and Position Synchronous Tracking. Scientific World Journal, The, 2014, 2014, 1-13.	0.8	20
80	Integrated Positioning for Coal Mining Machinery in Enclosed Underground Mine Based on SINS/WSN. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	21
81	Design of single phase photovoltaic grid-connected inverter based on DSP&ARM. , 2014, , .		2
82	Comparison of Structure and Gasification Reactivity of Rapid Pyrolysis Chars of Coal Water Slurries and Parent Coals. Energy Technology, 2014, 2, 284-291.	1.8	7
83	Cenozoic tectonic and sedimentary evolution of southern Qaidam Basin, NE Tibetan Plateau and its implication for the rejuvenation of Eastern Kunlun Mountains. Science China Earth Sciences, 2014, 57, 2726-2739.	2.3	31
84	Impact of wind erosion on detecting active tectonics from geomorphic indexes in extremely arid areas: a case study from the Hero Range, Qaidam Basin, NW China. Geomorphology, 2014, 224, 39-54.	1.1	18
85	Cenozoic fault systems in southwest Qaidam Basin, northeastern Tibetan Plateau: Geometry, temporal development, and significance for hydrocarbon accumulation. AAPG Bulletin, 2014, 98, 1213-1234.	0.7	51
86	Anti-tumor and anti-viral activities of <i>Galanthus nivalis</i> agglutinin (GNA)-related lectins. Glycoconjugate Journal, 2013, 30, 269-279.	1.4	34
87	Herbicide distribution and transport in subsurface environment of a tomato field in the Three Gorges Reservoir area, China. International Journal of Environmental Studies, 2013, 70, 637-654.	0.7	2
88	POSITIONING OF Ftz α F1 DOMAIN AFFECTS ON THE ACTIVITY OF HUMAN LRH-1: MOLECULAR DYNAMICS STUDY ON HUMAN LRH-1-DNA COMPLEXES. Journal of Theoretical and Computational Chemistry, 2012, 11, 329-359.	1.8	3
89	Simulation of soil loss processes based on rainfall runoff and the time factor of governance in the Jialing River Watershed, China. Environmental Monitoring and Assessment, 2012, 184, 3731-3748.	1.3	45
90	EW-trending uplifts along the southern side of the central segment of the Altyn Tagh Fault, NW China: Insight into the rising mechanism of the Altyn Mountain during the Cenozoic. Science China Earth Sciences, 2012, 55, 926-939.	2.3	46

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91	Two-stage evolution of the Altyn Tagh Fault during the Cenozoic: new insight from provenance analysis of a geological section in NW Qaidam Basin, NW China. <i>Terra Nova</i> , 2012, 24, 387-395.	0.9	83
92	Simulation of spatial and temporal distribution on dissolved non-point source nitrogen and phosphorus load in Jialing River Watershed, China. <i>Environmental Earth Sciences</i> , 2012, 65, 1795-1806.	1.3	34
93	Late Jurassic–Early Cretaceous Northern Qaidam Basin, NW China: Implications for the earliest Cretaceous intracontinental tectonism. <i>Cretaceous Research</i> , 2011, 32, 552-564.	0.6	79
94	A split-operator method to simulate the left hand materials. , 2011, , .		0
95	The unconformity in Miocene sequence of western Qaidam Basin and its tectonic significance. <i>Science China Earth Sciences</i> , 2010, 53, 1126-1133.	2.3	27
96	The SP-FDTD method for high-order FDTD plane wave injection. , 2010, , .		1